BRUHATH BANGALORE MAHANAGARA PALIKE

Name of work : Improvements of UGD (Under Ground Drainage) Lines In Jalahalli in ward No. 16

					Est. Cost			1500000.00
Sl. No.	Description	Dimensions				Qty.	Rate	Amount
		No.	L.	B.	D			
1	2	3	4	5	6	7	8	9
1	Earthwork excavation by Manual means for foundaction of buildings, water supply, sanitary lines and electrical conduits etc., either in pits or in trenches 1.5m and above in width, in **soil** not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m. including breaking of clods complete as per specifications. in Hard soil No.KBS 2.1 (B)/2.3.5 Pg No.6 It.No.2.4							
	Jalahalli Ward Limits							
	For Sanitary lines	1	364.00	0.60	1.50	327.60		
		1	341.00	0.60	1.50	306.90		
	For Man holes	13	3.142/4 x 1.8 X 1.8 X 2.00			66.17		
					Net Qnty	**700.67**	**528.94**	**370612**
							Per Cum	
	Basic Rate		499.00					
	Add A.W. 6%		29.94					
	TOTAL		**528.94**					
2	Providing and laying in position to required level or slopem internal diameter salt glazed stoneware pipes grade A and jointing with stiff mixture of cement mortar in proportion of 1:1, tsting of pipes and joints, including cost of materials, labour charges complete as per specifications for 230mm dia PgNo.72 It No.11.4							
	For Sanitary lines	1	364.00			364.00		
		1	341.00			341.00		
						705.00	**568.16**	**400553**
							Per Rmt	
	Basic Rate		536.00					
	Add A.W. 6%		32.16					
	TOTAL		**568.16**					

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3	Constructing brick masonry circular type manhole 1.22m internal dia at bottom 1.68m deep and 0.56m dia at top with table moulded non-modular bricks of class designation 50 in cement mortar 1:4, inside cement plastered 12mm thick with cement mortar 1:3, finished with a floating cost of neat cement, foundation concrete M10 mix using 40mm and downsize granite metal and making necessary channel in cement concrete M 15 mix with 20mm and downsize granite metal finished with a floating coat of neat cement, with S.F.R.C. cover and frame (heavy duty, HD-20 grade designation) 560mm internal diametre confirming IS:12592, total weight cover and frame to be not less than 182kg, fixed in cement concrete 1:2:4, 20mm and downsize broken granite metal, providing and removing centering, shuttering including cost of materials, labour charges, HOM of mechineries complet as per specifications. (Excavation, footrests and 12mm thick cement plaster on the external surface shall be paid seperately). Specification for 1.68 m deep (Page No.74 Item No.11.39)							
	Man holes	13				13.00		
						13.00	**31077.08**	**404002**
							Per Nos	
	CSR of 2016-17							
	Basic Rate	29318.00						
	Add A.W. 6%	1759.08						
	TOTAL	**31077.08**						
4	Refilling available earth around pipe lines, cables in layers not exceeding 20cms in depth, compacting each deposited layer by ramming after watering with lead upto 50m and lift upto 1.5m including cost of all labour complete as per specifications allow 60% of rate considered under item.Specification No.KBS 2.1 (Page No.7,Item No. 2.11)							
	For Sanitary lines	1	364.00	0.60	1.50	327.60		
		1	341.00	0.60	1.50	306.90		
						634.50	**128.26**	**81381**
							Per Cum	
	Basic Rate	121.00						
	Add A.W. 6%	7.26						
	TOTAL	**128.26**						
5	Lead charges for conveying the excavated earth including loading and unloading upto 15 kms as per directions Pg.No.136 It.No.17.1 BR=57.00+(1.28*2.00*15)							
	Qty.vide item No. 1					700.67		
					Total	**700.67**		
	Basic Rate	57.00					Per Cum	
	Add A.W. 6%	3.42						

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	Lead	38.40				95.40	66843
	TOTAL	98.82			700.67	98.82	69240
		95.40				Sub Total	1325788 1323391
						GST 12%	159095 158806
						PMC 1%	13253 13233
						Miscellenous Charges	1859 4570
						Total Amount	1500000

CERTIFICATE

1. The work spot have been inspected by me and work is found to be necessary.
2. This estimate is prepared as per CSR of 2018-19
3. This work is not split up
4. The provisions were made in this estimate are adequete and essential
5. This works comes under BBMP Limits

Asst.Engineer
Ward No.16
B.B.M.P

Asst.Executive Engineer
Yeshwanthapura Sub Division
B.B.M.P.

Executive Engineer
R. R. Nagara Division
B.B.M.P.

ನಂ.: 192 ದಿನಾಂಕ: 22/2/19
ರೂ. Fifteen lakh ..... lakh only
ಅಂದಾಜು ಪಟ್ಟಿಗೆ ಆಡಳಿತಾತ್ಮಕ ಮಂಜೂರಾತಿ ನೀಡಿದೆ.

ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ರಾಜರಾಜೇಶ್ವರಿ ನಗರ ವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಪಿ., ಬೆಂಗಳೂರು-72

ನಂ.: 116 ದಿನಾಂಕ: 22/2/19
ರೂ. Fifteen lakh ..... lakh only
ಗಳ ಅಂದಾಜು ಪಟ್ಟಿಗೆ ಆಡಳಿತಾತ್ಮಕ ಮಂಜೂರಾತಿ ನೀಡಿದೆ.

ಕಾರ್ಯ ಪಾಲಕ ಅಭಿಯಂತರರು
ಬಿ.ಬಿ.ಎಂ.ಪಿ., ರಾಜರಾಜೇಶ್ವರಿ
ನಗರ ವಿಭಾಗ, ಬೆಂಗಳೂರು

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